

**REMARKS**

The following remarks are submitted as a full and complete response to the outstanding Action. Claims 1-19 are currently pending and submitted for consideration.

**Allowable Subject Matter**

It is noted with appreciation that claims 2 and 6-16 have been indicated in the outstanding Action as containing allowable subject matter.

**Claim Rejection**

**Claims 1, 3-5 and 17-19 have been rejected under 35 U.S.C. §102(b) as being anticipated by Yamanoi et al. (U.S. Patent No. 6,067,335 cited in PTOL 1449, hereinafter "Yamanoi").**

This rejection is respectfully traversed for at least the reasons stated hereinbelow.

The present application as set forth in independent claims 1, 4 and 19 includes a specific feature involving a state detecting circuit or a mode control circuit that changes a mode switching signal and switches the mode of a charge pump between a high-speed mode and a normal mode when the charge pump is in a high impedance state (non-operating state). As such, the lock-up time due to an unlocked state (lock-off state) can be shortened and a high-speed lock-up is achieved.

***Yamanoi* discloses a phase comparator, a charge pump and VCO. *Yamanoi* also discloses switching a mode from that of an idle mode to a read mode. However, *Yamanoi* does not disclose or teach that the state detecting circuit or the mode control**

circuit switches the mode of the charge pump when the charge pump is in a high impedance state. Additionally, *Yamanoi* lacks any high-speed mode (first mode) and the normal mode (second mode) as set forth in claims 1, 3-5 and 17-19.

Accordingly, it is respectfully submitted that the present application as set forth in claims 1, 3-5 and 17-19 clearly distinguishes over *Yamanoi*.

If for any reason the Examiner determines that the application is not now in condition for allowance, it is respectfully requested that the Examiner contact, by telephone, the Applicants' undersigned attorney at the indicated telephone number to arrange for an interview to expedite the disposition of this application.

In the event this paper is not timely filed, the Applicants respectfully petition for an appropriate extension of time. Any fees for such an extension together with any additional fees may be charged to Counsel's Deposit Account No. 01-2300.

Respectfully submitted,

Arent Fox Kintner Plotkin & Kahn, PLLC



Raymond J. Ho  
Attorney for Applicants  
Registration No. 41,838

**Customer No.: 004372**  
1050 Connecticut Avenue, N.W.  
Suite 400  
Washington, D.C. 20036-5339  
Tel: (202) 857-6000  
Fax: (202) 638-4810

RJH:elz:kif

TECH/219560.1